

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049238.D
 Acq On : 17 Jun 2022 11:51
 Operator : SY/MD
 Sample : N3277-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:11:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 04:11:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

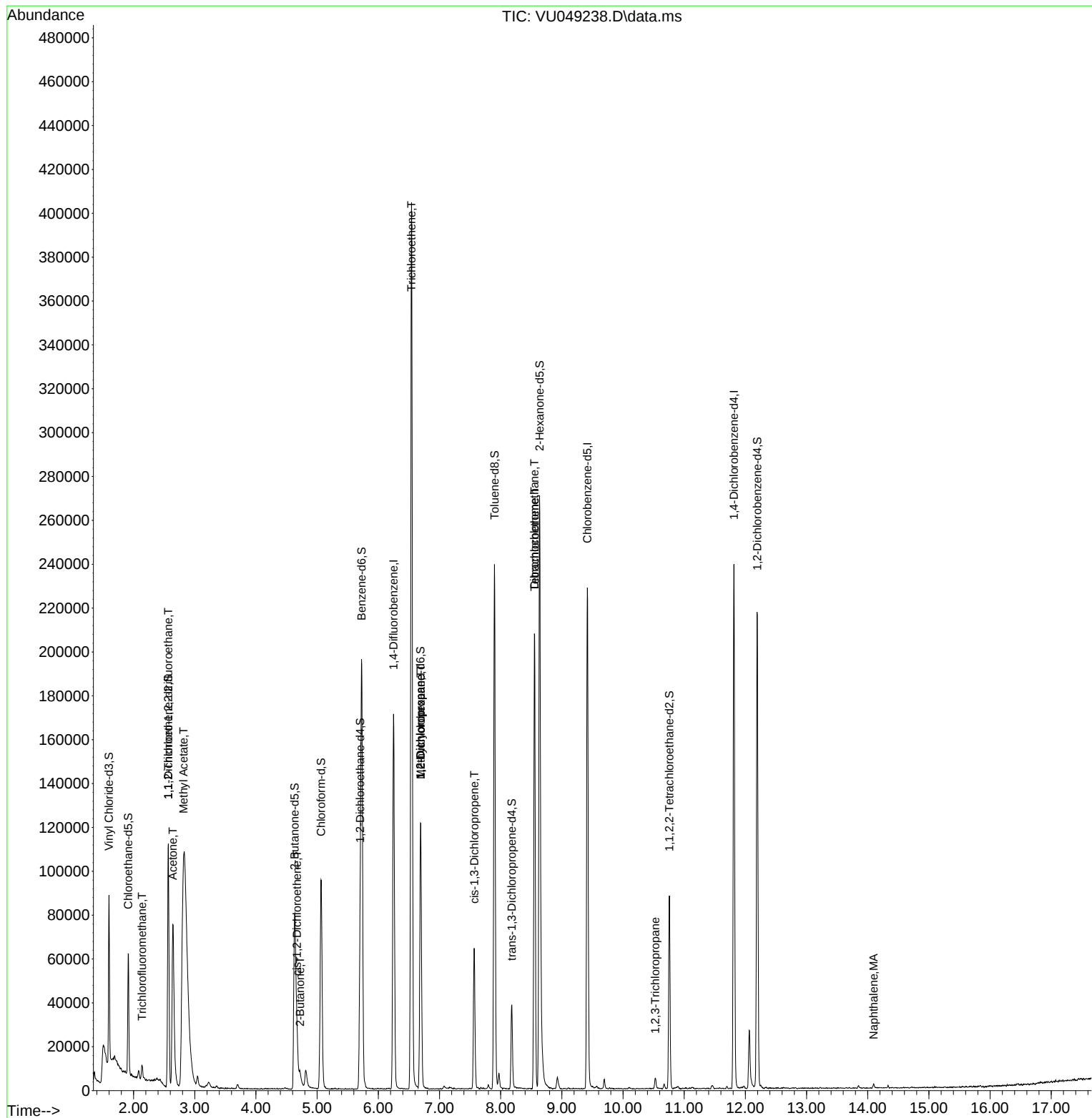
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	135397	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	124798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	61774	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52430	4.432	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.912	69	37501	4.682	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.568	65	20901	4.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.633	46	136729	43.284	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.560%
24) Chloroform-d	5.067	84	83913	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.703	65	47076	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.729	84	177137	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.690	67	58815	4.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.899	98	155639	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.182	79	21402	3.775	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.636	63	92548	40.471	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.940%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44301	4.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	55031	4.642	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.138	101	4074	0.308	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	546	0.070	ug/L #	21
13) Acetone	2.642	43	115362	73.788	ug/L	98
15) Methyl Acetate	2.816	43	78367	18.742	ug/L #	54
21) 2-Butanone	4.719	43	9381	3.147	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	6957	0.737	ug/L	99
34) Trichloroethene	6.543	95	138148	14.554	ug/L	98
35) Methylcyclohexane	6.694	83	12926	0.812	ug/L #	16
37) 1,2-Dichloropropane	6.694	63	6497	0.637	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1675	0.108	ug/L	92
47) Tetrachloroethene	8.555	164	44244	6.759	ug/L	98
49) Dibromochloromethane	8.552	129	44560	5.491	ug/L #	10
61) 1,2,3-Trichloropropane	10.526	75	3364	0.485	ug/L #	40
71) Naphthalene	14.095	128	2295	0.108	ug/L #	82

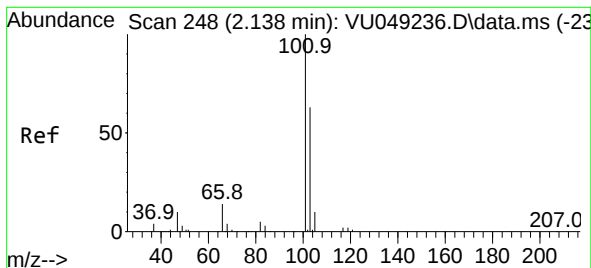
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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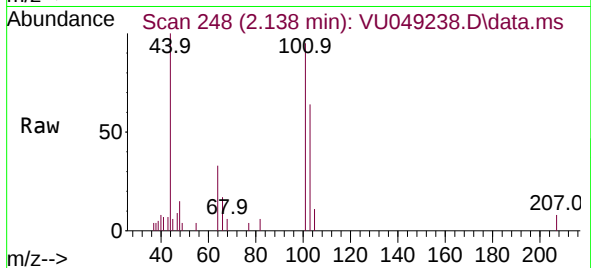
Quant Time: Jun 18 04:11:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
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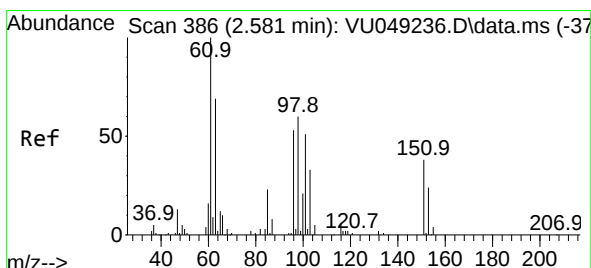
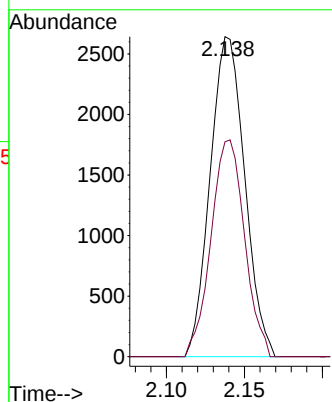
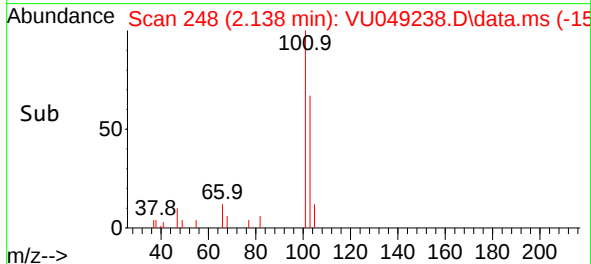


#9
 Trichlorofluoromethane
 Concen: 0.308 ug/L
 RT: 2.138 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: VU049238.D
 Acq: 17 Jun 2022 11:51

Instrument :
 MSVOA_U
 ClientSampleId :

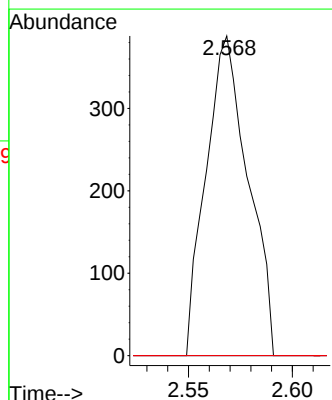
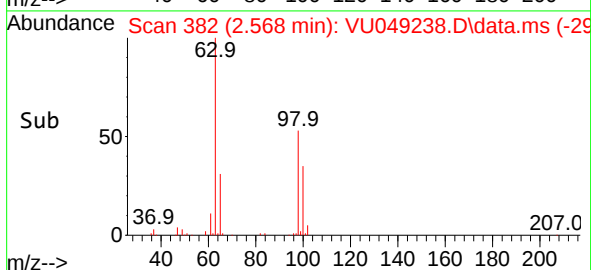
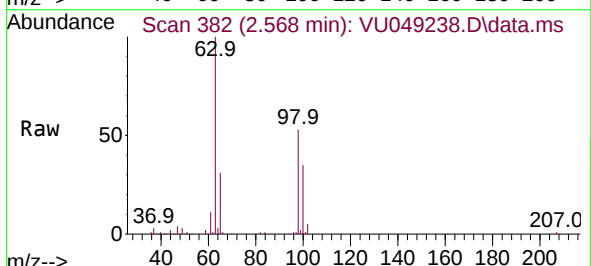


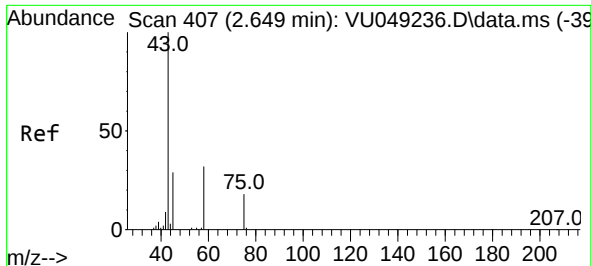
Tgt Ion:101 Resp: 4074
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.5 80.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.070 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU049238.D
 Acq: 17 Jun 2022 11:51

Tgt Ion:101 Resp: 546
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#

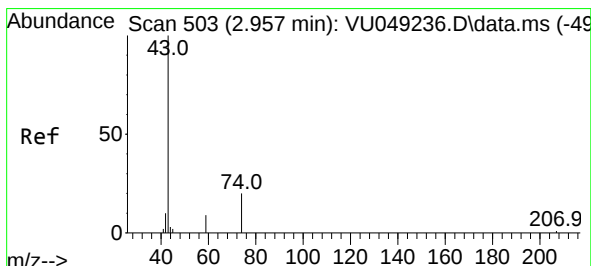
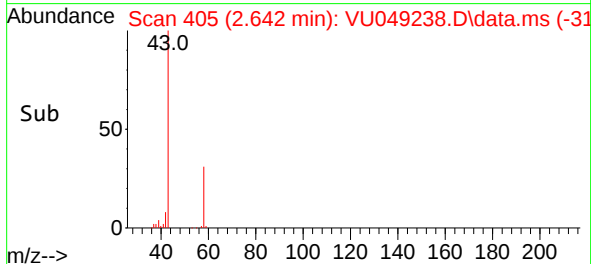
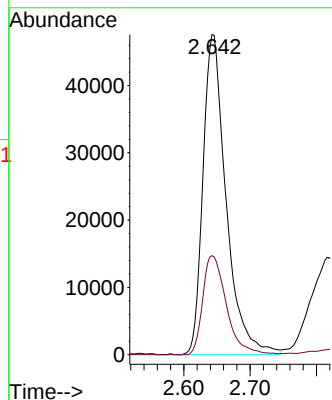
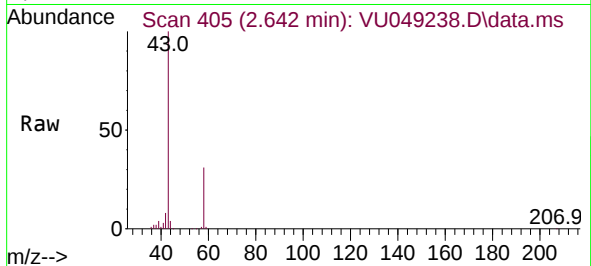




#13
Acetone
Concen: 73.788 ug/L
RT: 2.642 min Scan# 407
Delta R.T. -0.006 min
Lab File: VU049238.D
Acq: 17 Jun 2022 11:51

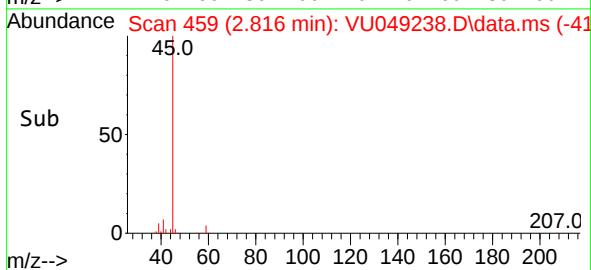
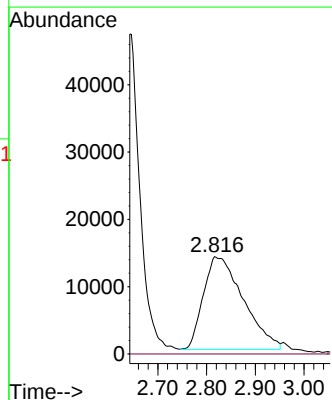
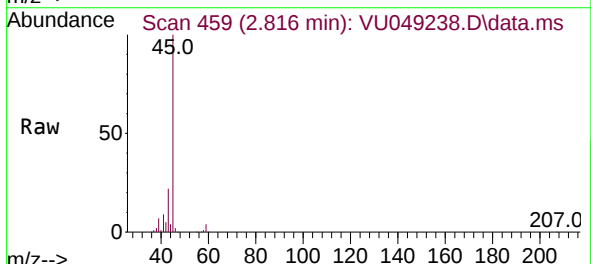
Instrument :
MSVOA_U
ClientSampleId :

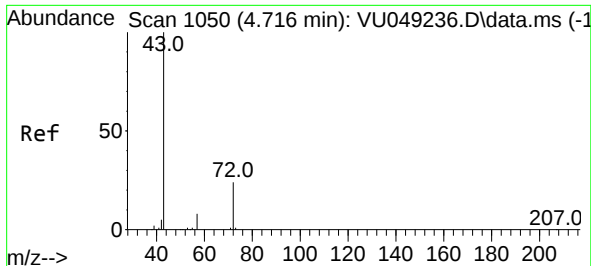
Tgt Ion: 43 Resp: 115362
Ion Ratio Lower Upper
43 100
58 31.6 0.0 65.8



#15
Methyl Acetate
Concen: 18.742 ug/L
RT: 2.816 min Scan# 459
Delta R.T. -0.141 min
Lab File: VU049238.D
Acq: 17 Jun 2022 11:51

Tgt Ion: 43 Resp: 78367
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#





#21

2-Butanone

Concen: 3.147 ug/L

RT: 4.719 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU049238.D

Acq: 17 Jun 2022 11:51

Instrument :

MSVOA_U

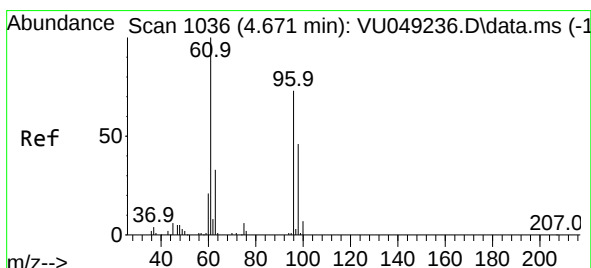
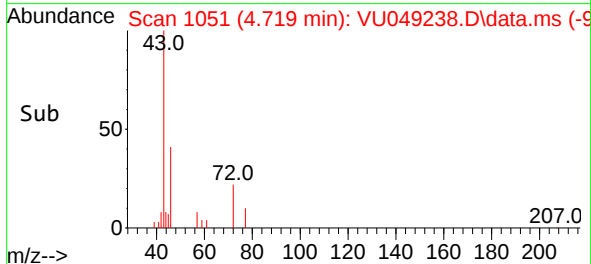
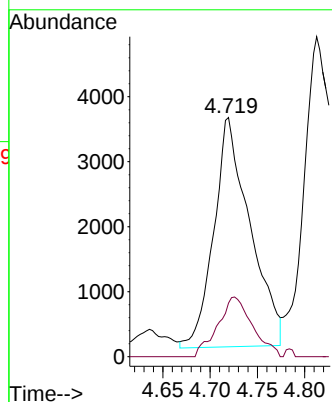
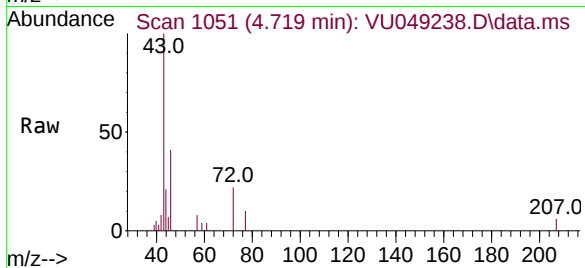
ClientSampleId :

Tgt Ion: 43 Resp: 9381

Ion Ratio Lower Upper

43 100

72 24.9 12.2 36.6



#22

cis-1,2-Dichloroethene

Concen: 0.737 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU049238.D

Acq: 17 Jun 2022 11:51

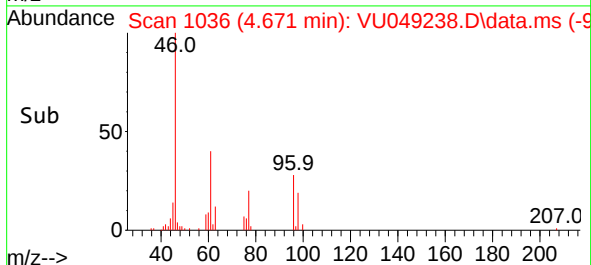
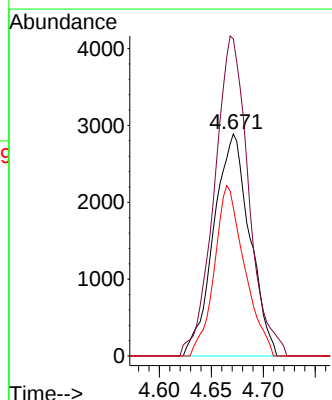
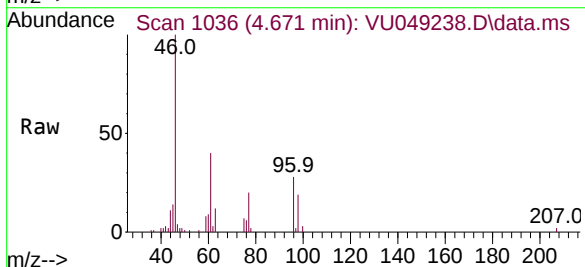
Tgt Ion: 96 Resp: 6957

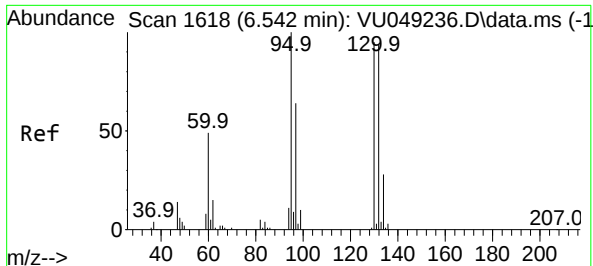
Ion Ratio Lower Upper

96 100

61 142.8 99.5 184.9

98 66.9 44.8 83.2





#34

Trichloroethene

Concen: 14.554 ug/L

RT: 6.543 min Scan# 1

Delta R.T. 0.000 min

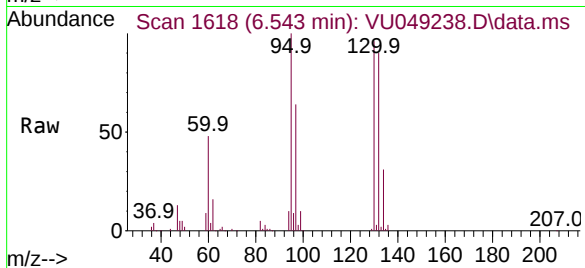
Lab File: VU049238.D

Acq: 17 Jun 2022 11:51

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 138148

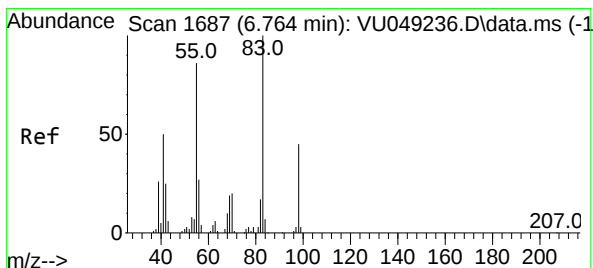
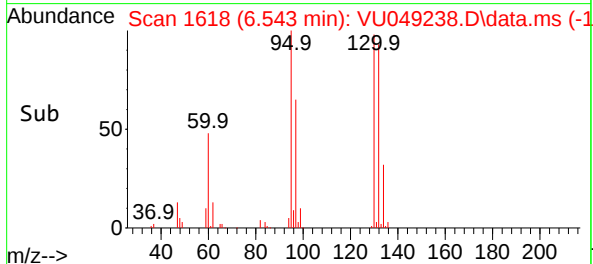
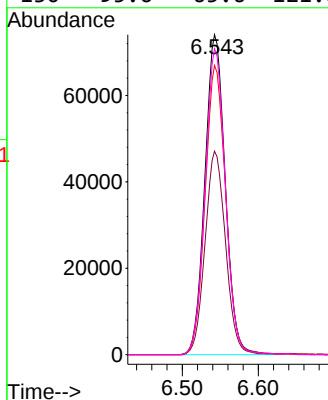
Ion Ratio Lower Upper

95 100

97 63.6 45.3 84.1

132 90.4 61.5 114.3

130 95.6 65.6 121.8



#35

Methylcyclohexane

Concen: 0.812 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU049238.D

Acq: 17 Jun 2022 11:51

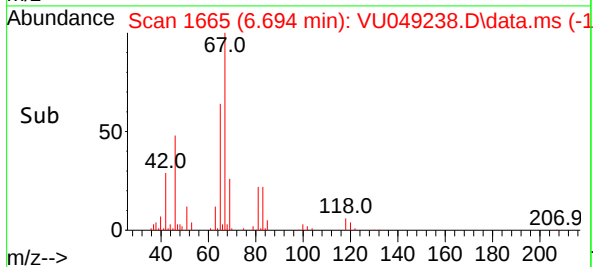
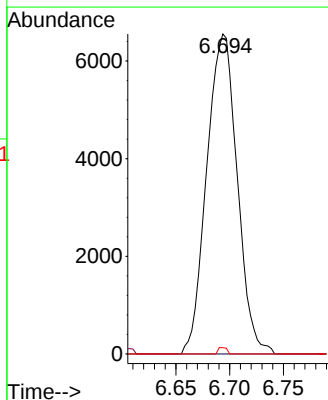
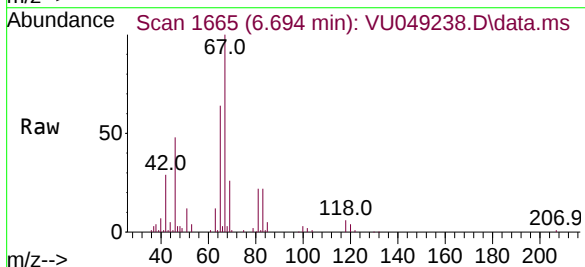
Tgt Ion: 83 Resp: 12926

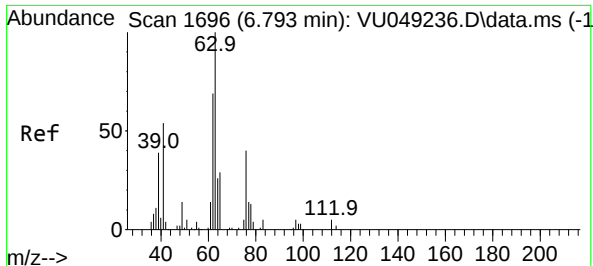
Ion Ratio Lower Upper

83 100

55 0.0 66.9 100.3#

98 0.0 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.637 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049238.D

Acq: 17 Jun 2022 11:51

Instrument :

MSVOA_U

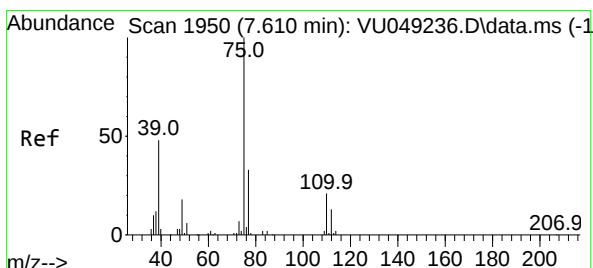
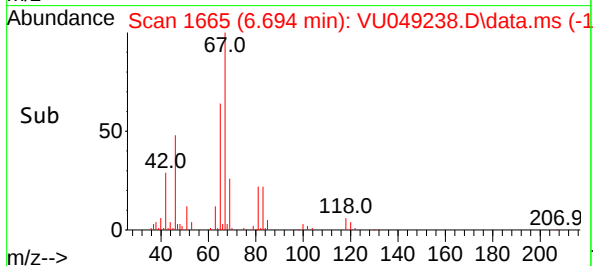
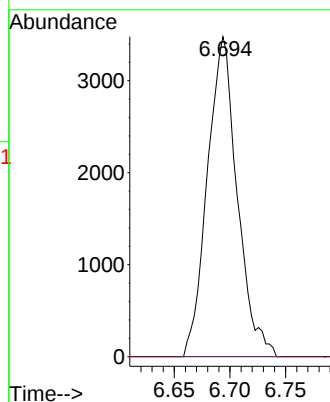
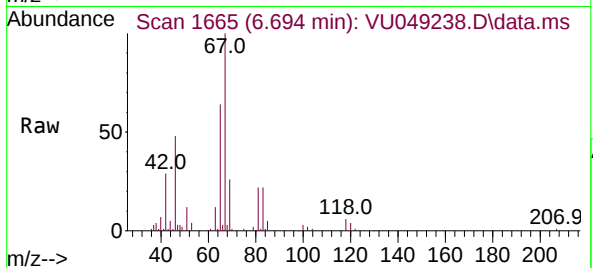
ClientSampleId :

Tgt Ion: 63 Resp: 6497

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU049238.D

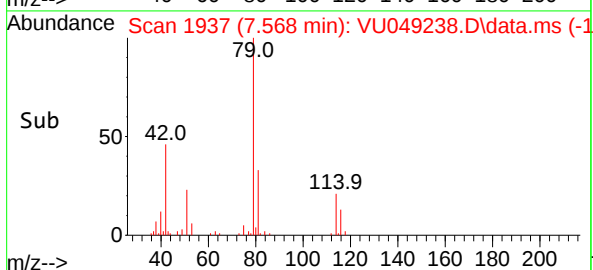
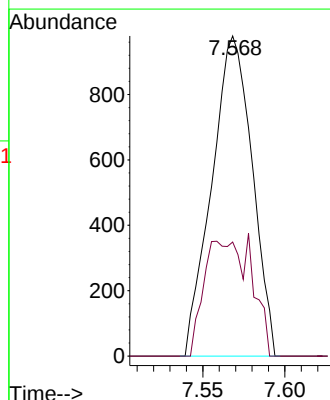
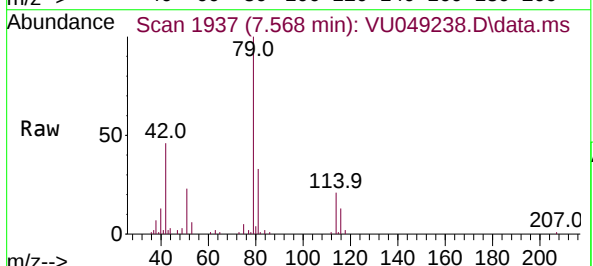
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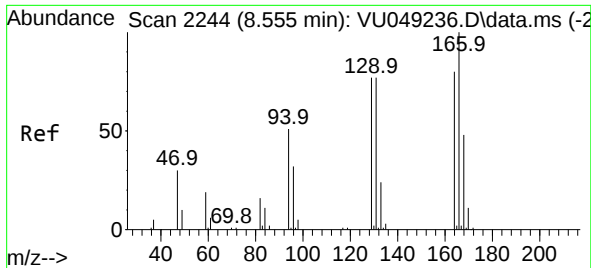
Tgt Ion: 75 Resp: 1675

Ion Ratio Lower Upper

75 100

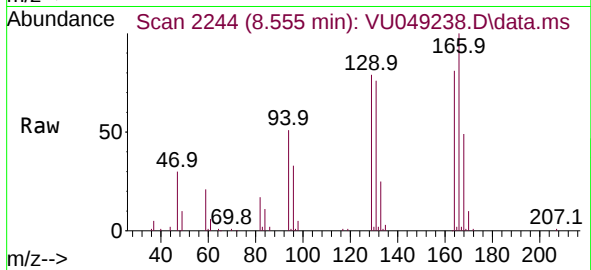
77 35.6 21.8 40.4



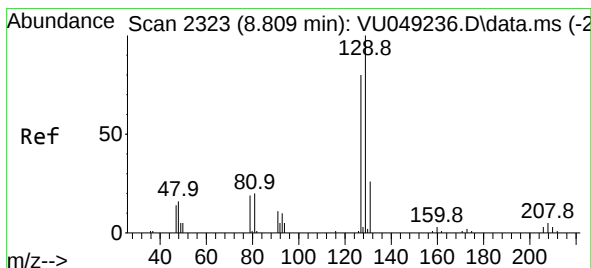
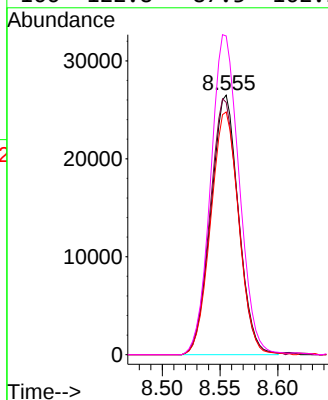
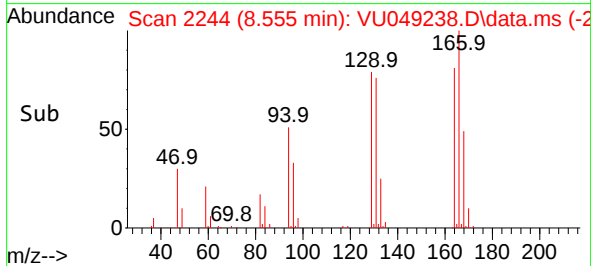


#47
Tetrachloroethene
Concen: 6.759 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049238.D
Acq: 17 Jun 2022 11:51

Instrument :
MSVOA_U
ClientSampleId :

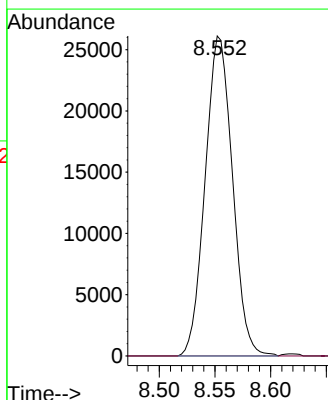
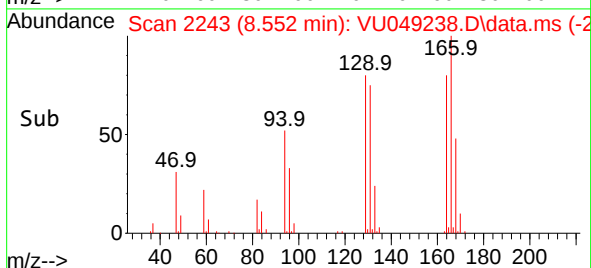
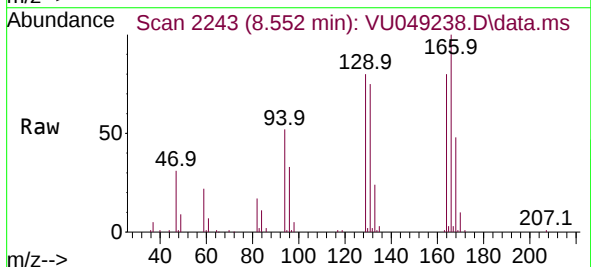


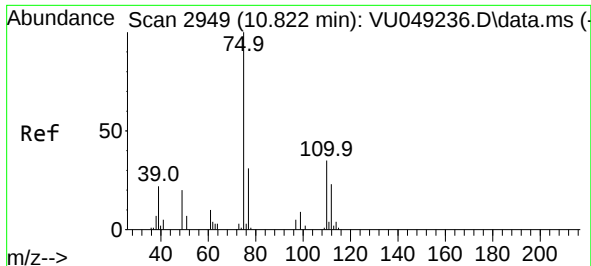
Tgt Ion:164 Resp: 44244
Ion Ratio Lower Upper
164 100
129 97.2 69.8 129.6
131 93.5 67.8 125.8
166 122.8 87.3 162.1



#49
Dibromochloromethane
Concen: 5.491 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU049238.D
Acq: 17 Jun 2022 11:51

Tgt Ion:129 Resp: 44560
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#





#61

1,2,3-Trichloropropane

Concen: 0.485 ug/L

RT: 10.526 min Scan# 21

Delta R.T. -0.296 min

Lab File: VU049238.D

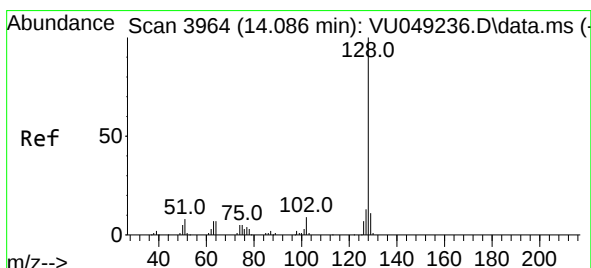
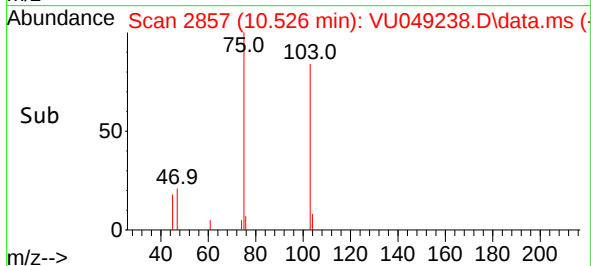
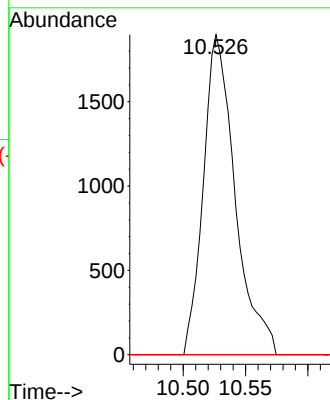
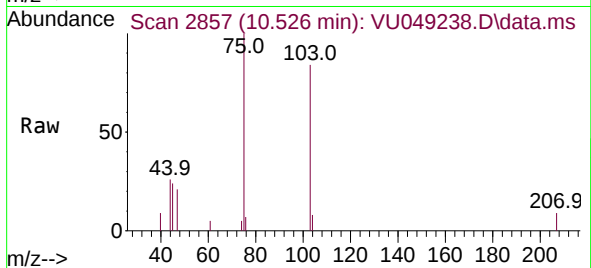
Acq: 17 Jun 2022 11:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75	Resp:	3364
Ion Ratio	Lower	Upper
75	100	
110	0.0	29.0 43.4#
77	0.0	26.2 39.2#



#71

Naphthalene

Concen: 0.108 ug/L

RT: 14.095 min Scan# 3967

Delta R.T. 0.010 min

Lab File: VU049238.D

Acq: 17 Jun 2022 11:51

Tgt Ion: 128	Resp:	2295
Ion Ratio	Lower	Upper
128	100	
129	0.9	9.0 13.6#
127	9.2	10.2 15.4#

